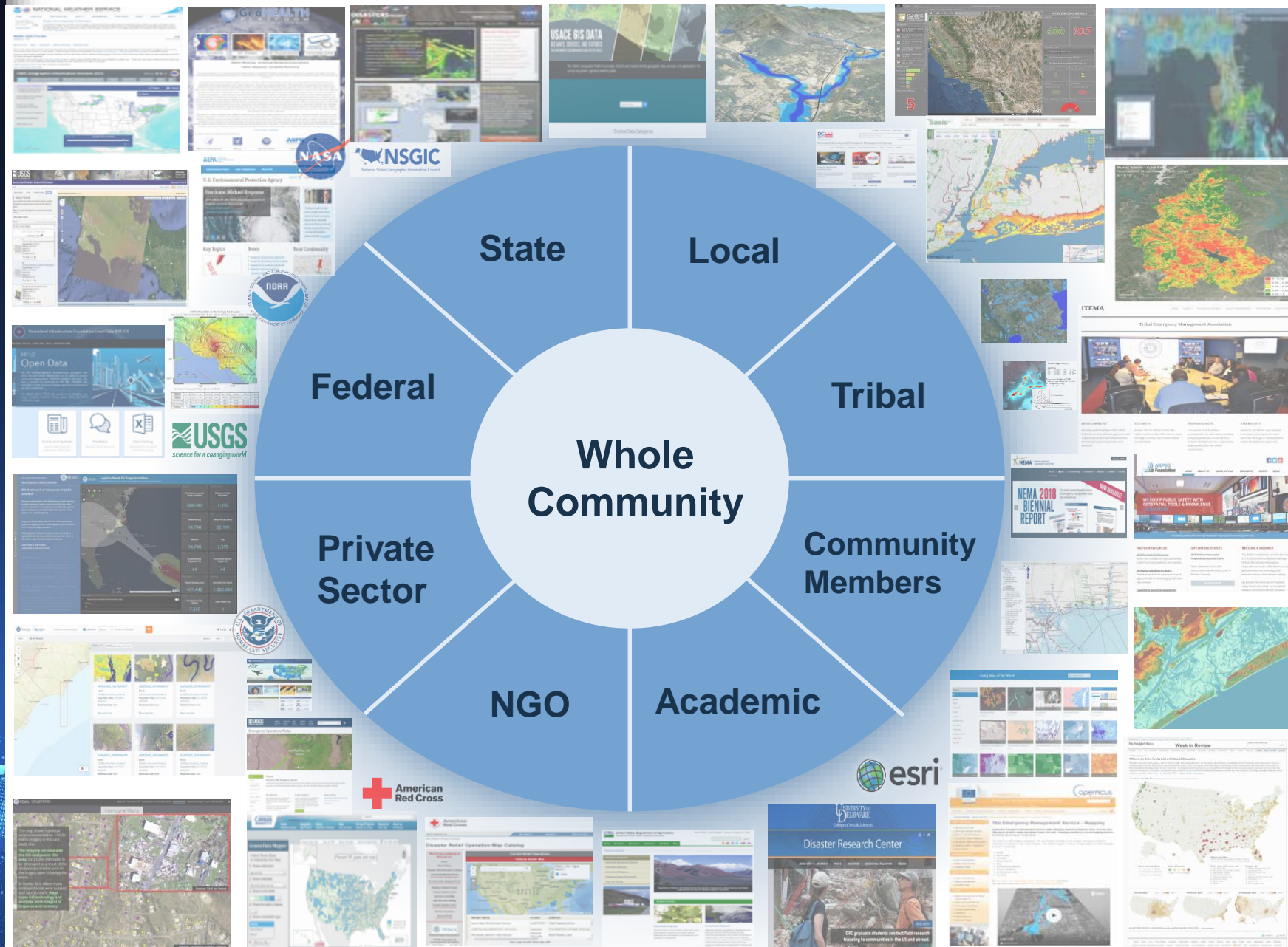# INTER-AGENCY DISASTERS COMMUNITY

Collaboration and Sharing Through GeoPlatform Communities

Joint HIFLD / GeoPlatform Session

November 2018

Robert Pitts – Project Manager, FEMA Response Geospatial Office

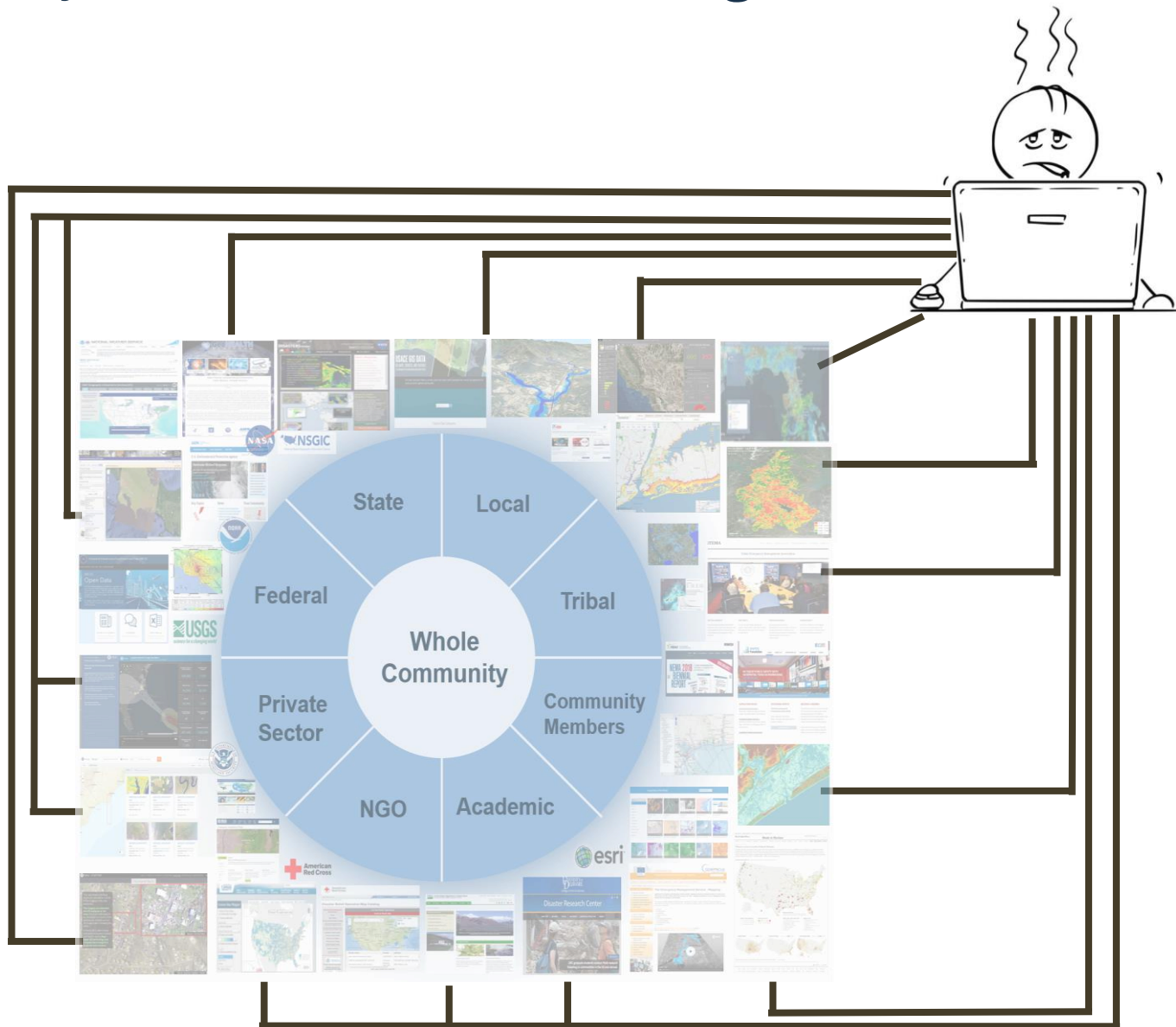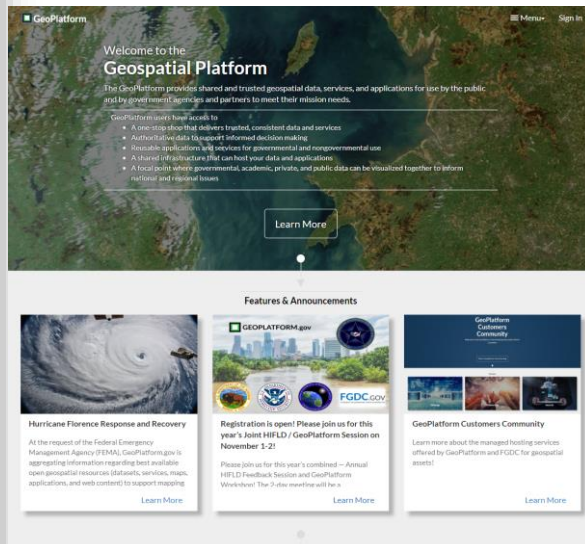**Rebecca Kollmeyer** – Geospatial SME, FEMA Response Geospatial Office

Disasters Community

Challenge

- Easily **Discover, Understand, Integrate, Use** relevant data
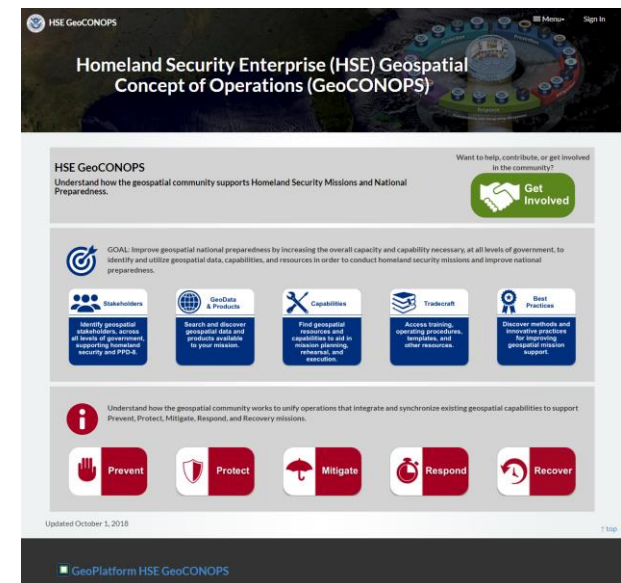
Tools for Building a Solution

GeoPlatform.Gov

- **Scalable Cloud Computing Infrastructure**

- **Tools for Authoring, Publishing, Monitoring Data & Apps**

- **Tools for Building & Connecting Communities**

- **Interoperability with Range of Platforms**

- **Integrated Data & Services Catalog**

- **Unified Search & Discovery**

HSE GeoCONOPS

- **Unifying Framework for HSE Geospatial Community & Development of Disasters Community**

- **Identifies Key Stakeholders, Data/Tools, Capabilities**

- **Provides Access to Training, SOPs, Resources, Best Practices**
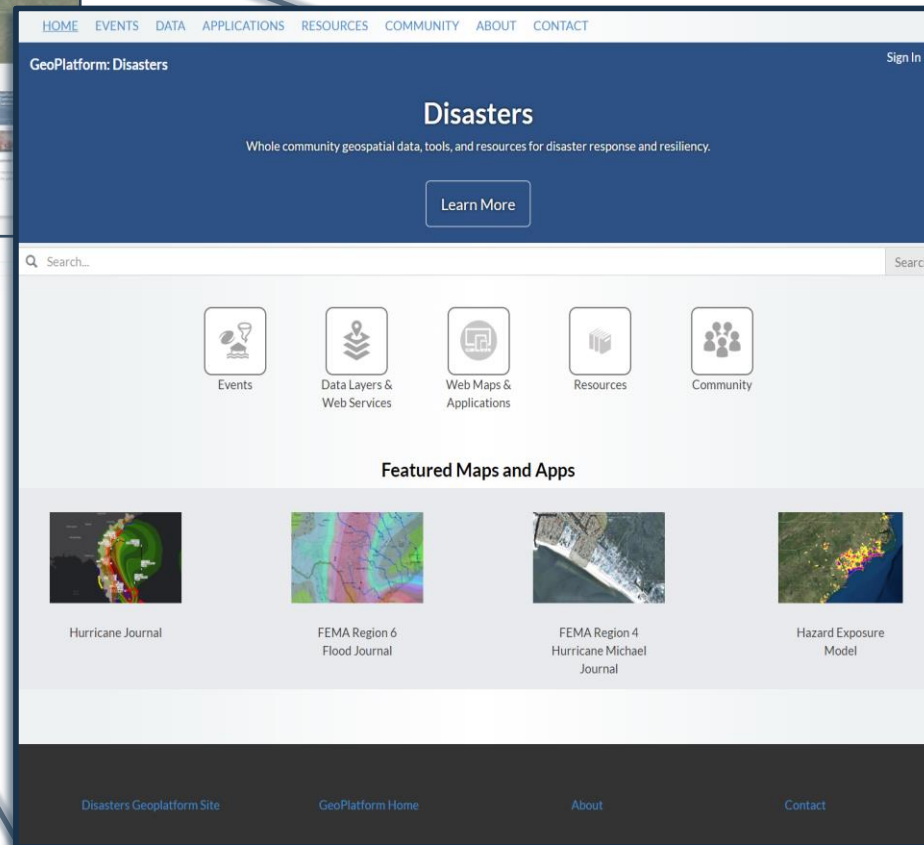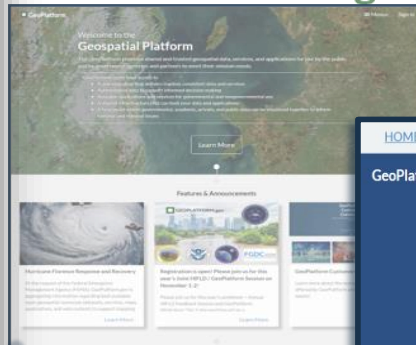
- **Integrated with GeoPlatform**
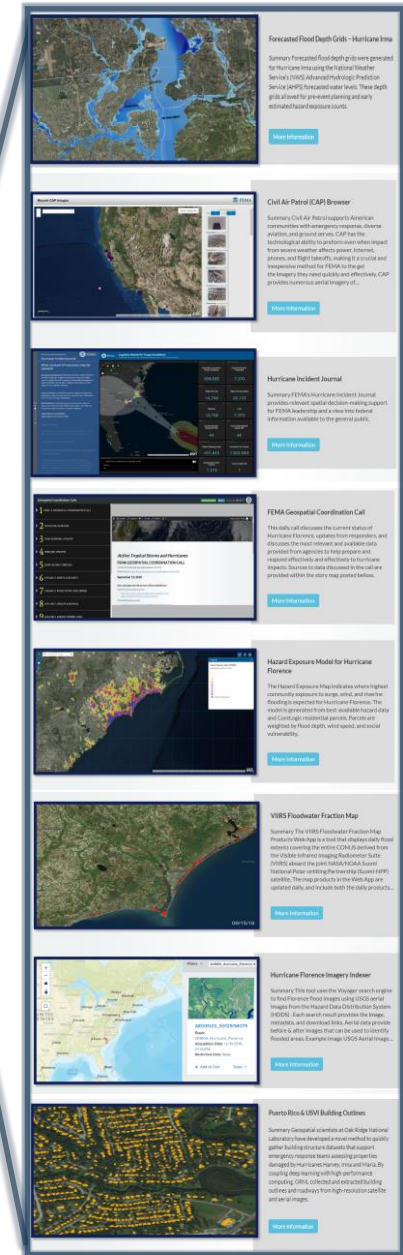
Disasters.GeoPlatform.Gov

- Unified environment for community partners to publish, share, and access authoritative geospatial data, applications, and resources related to the preparedness, response, recovery, and mitigation of disasters.

Disasters.GeoPlatform.Gov
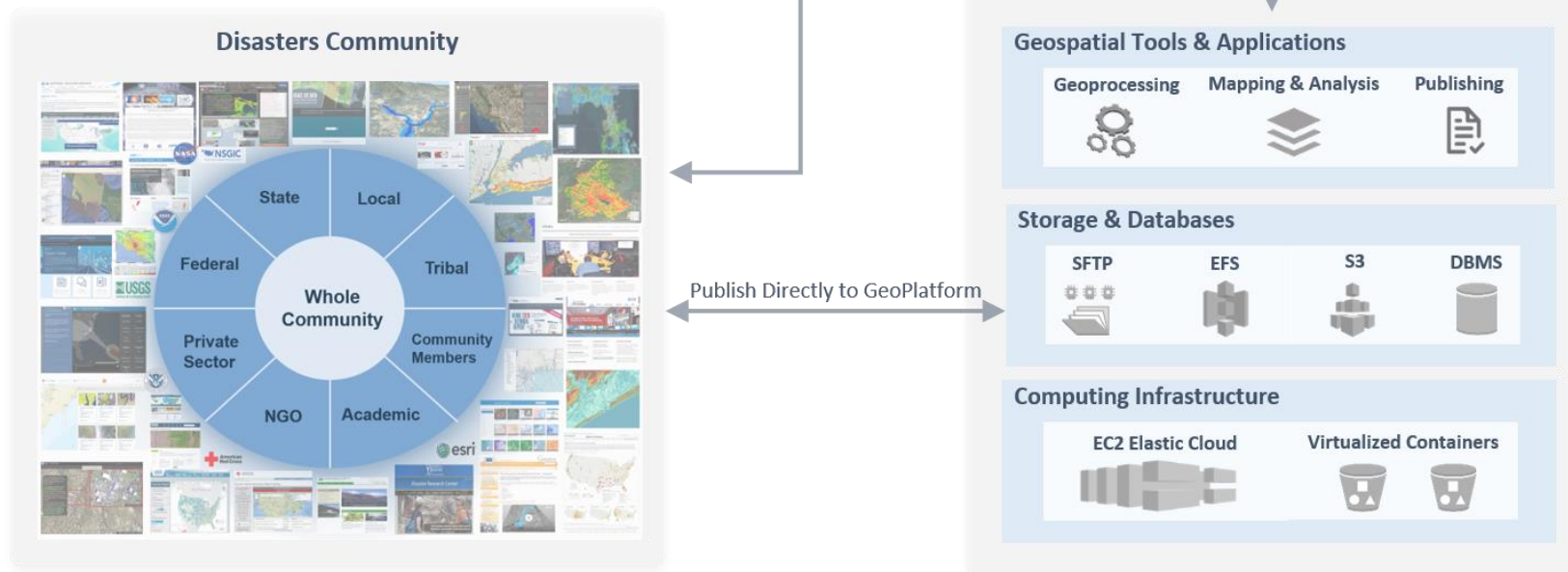
Disasters.GeoPlatform.Gov

Conceptual Architecture

- **Disasters Ontology (based on MoDI)**

- **Tools for Efficient Publishing & Registering Data**

- **Unified Search for Disasters Data & Resources**

- **Search Disasters and Geospatial Data by:**
  - **Name, Type, Location, Date, etc.**

Inter-agency Coordination

Towards an Integrated Geospatial Disasters Community

Build & Support Disasters Community

- Community Engagement

- Modeling & Data Working Group (MDWG)

- Update Modeling & Data Inventory (MoDI)

- SOPs, How-To Guides, Trainings, Workshops

- Incorporate Community Feedback

Simplify Complexity of Disasters Geospatial Data Discovery, Integration, Use

- Develop Comprehensive Disasters Ontology

- Enable Easier & Automated Partner Data Publishing

- Enhance Website Content, Organization & Display

- Implement Unified Search Function

Thank You!

- ## Contact Us
- Modeling Data Working Group: FEMA-MDG@fema.dhs.gov
- Remote Sensing: FEMA-Remote-Sensing@fema.dhs.gov

- ## More Information
- Breakout Sessions (1:00-1:45):
  - Track 1: Metadata, Search & Discovery
  - Track 2: Creating Community Spaces
- Visit Disasters.GeoPlatform.Gov